OIPE IAP85
FEB 2 8 2006
PATENT & TRADEMARK OFFICE

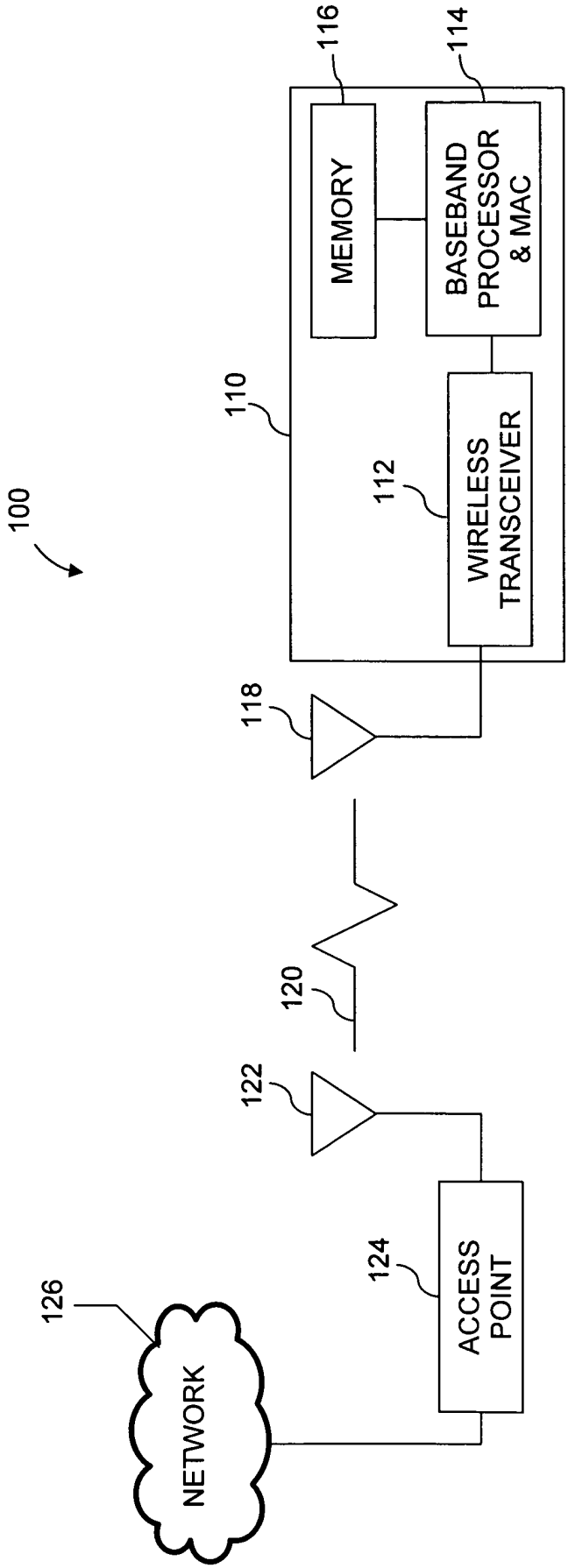

FIG. 1

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COMMUNICATION	INFORMATION TRANSFERRED
AP → STA (PROBE RESPONSE)	ANONCE
STA → AP (REASSOCIATE REQUEST)	ANONCE, SNONCE, MIC1
AP → STA (REASSOCIATE RESPONSE)	SNONCE, MIC2

FIG. 2

300

Element ID 1 octet	**Length** 1 octet	**Nonce** 32 octets

FIG. 3

400

Element ID 1 octet	**Length** 1 octet	**Key ID** 8 octets	**ANonce** 32 octets	**SNonce** 32 octets	**MIC** 16 octets

FIG. 4

500

Element ID 1 octet	**Length** 1 octet	**Key ID** 8 octets	**GTK Length** 1 octet	**Wrapped GTK** GTK length octets	**RSC** 6 octets	**GNonce** 32 octets	**MIC** 16 octets

FIG. 5

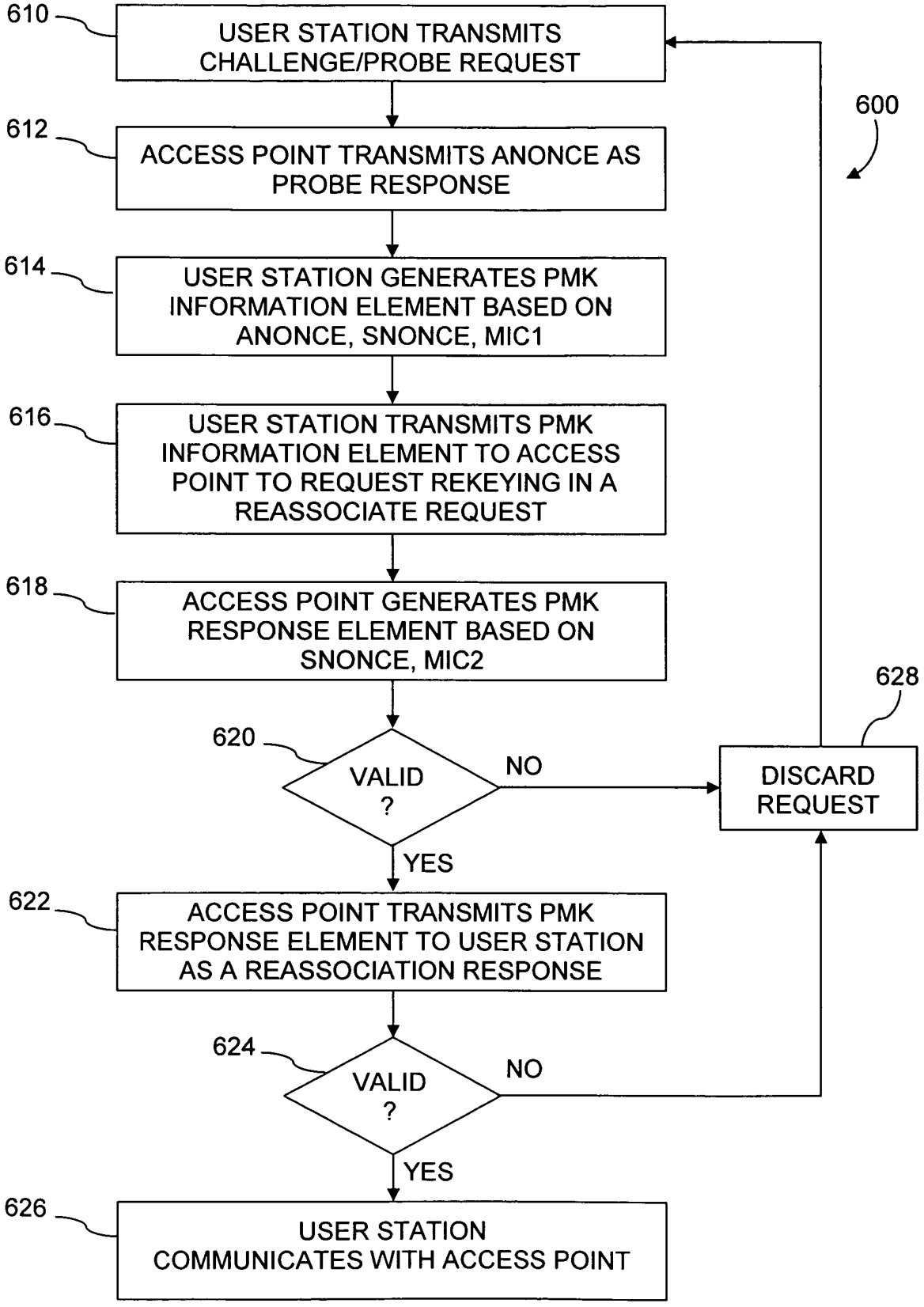
610
USER STATION TRANSMITS CHALLENGE/PROBE REQUEST
612
ACCESS POINT TRANSMITS ANONCE AS PROBE RESPONSE
614
USER STATION GENERATES PMK INFORMATION ELEMENT BASED ON ANONCE, SNONCE, MIC1
616
USER STATION TRANSMITS PMK INFORMATION ELEMENT TO ACCESS POINT TO REQUEST REKEYING IN A REASSOCIATE REQUEST
618
ACCESS POINT GENERATES PMK RESPONSE ELEMENT BASED ON SNONCE, MIC2
620
VALID ?
NO
YES
628
DISCARD REQUEST
622
ACCESS POINT TRANSMITS PMK RESPONSE ELEMENT TO USER STATION AS A REASSOCIATION RESPONSE
624
VALID ?
NO
YES
626
USER STATION COMMUNICATES WITH ACCESS POINT
600

FIG. 6